

CITY OF CASPER – NATRONA COUNTY



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Office of
Public Health & Safety

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UNRECORDED

TO: Joyce Ackerman, Region 8 Superfund Coordinator

FROM: Bob Harrington, Casper – Natrona County Health Department

Date: September 7, 2001

SUBJECT: Homa Hills Residents ' Blood/Urine Test

As we discussed, here are copies of the letters we sent to Homa Hills residents, advising them of the results of their August 9, 2001 blood and urine test.

In general, these appear to be unremarkable. Ranges and Means were as follows:

Test Subjects: n=15 (7 smokers, all live with smokers)

"Controls" c=05 (1 smoker, lives with a smoker: 1 recent non-smoker, lives with a smoker, 1 occasional tobacco chewer: 3 ate small amounts of almonds: one takes B-complex vitamins)

Blood Cyanide: "None Detected" in all samples

Thiocyanate/Urine (mcg/ml):

Total Range:	0.0-18	X=3.695
Test Range:	0.0-18	X=4.17
Control Range:	0.0-10	X=0.452

Thiocyanate/Urine, Corrected against Creatinine Levels (mcg/ml):

Total Range:	0.0-18.37	X=3.465
Test Range:	0.0-18.37	X=4.19
Control Range:	0.0-05.94	X=1.286

In discussions with Chris Weis, he said that the control group was too small, and differences in ranges and means, to provide any significant indication of differences.

Per Joyce Ackerman's suggestion, our letter offered re-testing to the three persons with slightly elevated results.

I have discussed these results in general terms with:

[REDACTED]

Brodie Farquhar, Casper Star-Tribune
Susan Burk/Lindy Patton, K2TV